BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Diploma in Agriculture Pearson BTEC International Level 3 Extended Diploma in Agriculture
Unit number and title	Unit 19: Combinable Crop Production and Processing
Learning aim(s)	**B** Explore the processing and quality requirements for marketing combinable crops **C** Carry out preparation and cultivation tasks related to combinable crops
Assignment title	**Quality specification and husbandry manual**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are an assistant farm manager at a farm that produces a variety of different combinable crops and crop varieties. Your manager has asked you to establish crop varieties that are in less demand than others, in order to market them better. The farm is looking to expand and in doing so will recruit new staff, therefore you have been asked to carry out demonstrations for new members of staff that show how to carry out husbandry techniques and processing requirements of the crops produced at the farm.
Task 1	Produce a slide presentation that examines how different varieties of crops can result in different quality produce. Identify how the quality specifications and the marketing of these crops can influence their processing. Include within your slides: • the quality specifications of a range of combinable crops • the difficulties in achieving these quality specifications • the influence the specifications have upon the processing of these crops • the influence the specifications have upon the marketing of these crops.
Checklist of evidence required	Presentation of slides.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
B. D2	Evaluate the impact of quality specifications on the processing and marketing of combinable crops.
B.M3	Assess the quality specifications to be met in processing and marketing combinable crops.
B.P3	Explain the processing requirements of common combinable crops.
B.P4	Explain the key marketing requirements of common combinable crops.
Task 2	Carry out demonstrations of the different husbandry techniques and the different processing requirements of the combinable crops produced at the farm, for new members of staff starting work at the farm Your demonstrations should include: • a demonstration of a range of husbandry techniques, following good practice, and adhering to appropriate standards of health and safety • a demonstration of cultivation methods, following good practice, and adhering to appropriate standards of health and safety • confident site preparation including use of fertilisers, disease identification and pest control • correct and safe use of all equipment • correct use of relevant agricultural terminology.
Checklist of evidence required	Evidence of husbandry demonstrations could be in the form of photo evidence, video evidence, personal statements, witness testimony and observation reports.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
C.D3	Demonstrate, with a high degree of accuracy, husbandry techniques and cultivation methods to prepare sites for combinable crop production.
C.M4	Efficiently demonstrate husbandry techniques and cultivation methods to prepare sites for combinable crop production.
C.P5	Competently demonstrate husbandry techniques to prepare sites for combinable crop production.
C.P6	Competently demonstrate cultivation methods to prepare sites for combinable crop production.

Sources of information to support you with this Assignment	**Books** Miller, WJ (2012) *Dairy cattle feeding and nutrition*, Academic Press, ISBN 978 0123958952 Chamberlain, AT (1996) *Feeding the dairy cow*, Chalcombe publications, ISBN 978 0948617324 Moran, J & Doyle R (2015) *Cow Talk: Understanding Dairy*

	Cow Behaviour to Improve their Welfare on Asian Farms (kindle edition), CSIRO publishing Henry, G (2012) *Dairy Cows: Their Feeding and Care, improvement of the Herds* (Classic reprint), Forgotten Books, ASIN BOO9BG0S18 **Journals/Magazines** *Dairy Farmer Magazine* *Farmers Weekly* **Websites** nfuonline.com